



BHANUKA GAMAGE

SKILLS

Leadership
Team Management
Critical Thinking
Communication
Problem Solving
Python
iOS Development
SQL
C/C++
HTML/CSS/JS/Angular
MATLAB
LaTeX
Machine/ Deep Learning
TensorFlow
Keras
CoreML
PyTorch

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📍 Sri Lanka

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👤 bhanukaManesha

🌐 bhanukagamage

ACHIEVEMENTS

Higher Degree by Research Pathway Scholarship | 2020
Monash University, Malaysia (MUM)
Nominee for Sir John Monash Award | 2019
Monash University, Australia
Monash High Achiever Award | 2018 & 2019
Monash University, Malaysia
Finalist at the 20th APICTA Competition | 2019
MSC Malaysia APICTA
Highest Mark for FIT3161 (Computer Science Project 1) | 2019
Across all Monash University Campuses
High Achiever Award in Engineering - IT | 2017
Monash College Diploma, Sri Lanka
Global Award for Excellence in Engineering Mobile Apps | 2017
Monash College Diploma, Sri Lanka
Global Award for Excellence in Computer Systems, Networks & Security | 2017
Monash College Diploma, Sri Lanka
Josephian College Colorsman for Basketball | 2016
St. Joseph's College, Colombo, Sri Lanka (SJC)
Western Province Sri Lanka Basketball Colorsman | 2015
St. Joseph's College, Colombo, Sri Lanka

EDUCATION

Bachelor of Computer Science (Honours) | Monash University, Malaysia
02/2020 – 11/2020 | GPA/CGPA – 4.0 (First Class Honours) | WAM – 85.25
Bachelor of Computer Science | Monash University, Malaysia
02/2018 – 12/2019 | GPA / CGPA – 3.75 / 3.918 | WAM – 84.3
Diploma in Engineering - IT | Monash College, Sri Lanka
02/2017 – 10/2017 | GPA / CGPA – 3.625 / 3.876 | WAM – 82.25
Diploma in Web Engineering | ESOFT Metro Campus, Sri Lanka
08/2016 – 06/2017 | Pearson Assured Accreditation
GCE Advance Level | St. Joseph's College (SJC), Colombo 10, Sri Lanka
04/2014 – 08/2016

EXPERIENCE

iOS Developer | Map72
12/2020 – Present
Co-founder of Monash UReview
11/2019 – Present
Contract Software Developer
(Machine Learning) | Map72
02/2020 – 11/2020
Machine Learning Intern | Map72
11/2019 – 02/2020
Peer Assisted Student Service (PASS)
Leader | MUM
03/2019 - 12/2021
Software Intern | WINHE Software
Engineering Academy, Sri Lanka
10/2017 – 02/2018

POSITIONS HELD

Student Ambassador | SOIT, MUM
07/2020 – 12/2020
Assistant Head Prefect | SJC
10/2016 – 10/2017
President of Media Circle | SJC
10/2014 – 10/2015
Senior Prefect | SJC
10/2014 – 10/2015
Senior Steward | SJC
01/2014 – 10/2014

NOTABLE PROJECTS

Improved RAMEN – Towards Domain Generalization for Visual Question Answering (VQA) | Honours Project

03/2020 – 11/2020

Improved the RAMEN model for VQA and analyzed the improvements on nine VQA datasets.

BaitRadar – Clickbait Detection System for YouTube | Undergraduate Project

03/2019 – 12/2019

Used a multi-modal deep learning architecture to detect clickbait on YouTube using different cues such as Audio Transcript, Comments, Tags.

Accepted for ICASSP 2021 (#13 ranked conference in Computer Science).

Brain Inspired User Behavioural Traffic Monitoring System | APICTA Competition

02/2018 – 09/2019

Used Numenta to detect anomalies in network traffic for different users.

Qualified as a finalist in the 20th MSC APICTA Competition.

Deep Learning Specialization – deeplearning.ai

11/2018 – 12/2018

Completed Andrew Ng's deep learning specialization to understand the basics of deep learning.

PUBLICATIONS

Gamage, Bhanuka Manesha Samarasekara Vitharana, and Vishnu Monn Baskaran. 'Efficient Generation of Mandelbrot Set Using Message Passing Interface'. *ArXiv:2007.00745 [Cs]*, July 2020. *arXiv.org*, <http://arxiv.org/abs/2007.00745>.

Not Peer-Reviewed

Gamage, Bhanuka Manesha Samarasekara Vitharana, and Vishnu Monn Baskaran. 'Simulation and Analysis of Distributed Wireless Sensor Network Using Message Passing Interface'. *ArXiv:2007.00754 [Cs]*, July 2020. *arXiv.org*, <http://arxiv.org/abs/2007.00754>.

Not Peer-Reviewed

HACKATHONS PARTICIPATED

Shopee Code League – Shopee Singapore

06/2020 – 07/2020

PERT (An AR Chatbot) – Hack & Roll 2020, NUS Singapore

01/2020

UReview (Unit Reviewing System) - Monash Hackathon, Monash University Malaysia

11/2019

SPORTS AND EXTRA CURRICULAR ACTIVITIES

Member of the Monash Entrepreneurs Club

Monash University, Malaysia –2018

Member of the Champion Under 19 All Island National Schools Basketball Team

St. Joseph's College, Colombo, Sri Lanka – 2015

REFEREES

Dr Lim Chern Hong

Honours Supervisor

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Associate Professor Wong Kok Sheik

Associate Head (Research) – SOIT

Final Year Project Supervisor

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Associate Head (Education) – SOIT

Monash UReview Supervisor

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